

Waterfront Maintenance Note Number 2**Work Request Guidance**

1. Purpose. To ensure ship's force personnel accurately complete work requests. SERMC Ship's Superintendent (SHIPSUP) can provide clarification for issues pertaining to this WFMN.

2. Background. Submitting accurate and concise 2-Kilos (2K) is paramount to ensuring that the work is executed as requested by the customer. Correctly completed 2Ks support the executing activity in documenting and tracking of work accomplished. Also, this ensures proper funding of waterfront accounts and manning requirements to accomplish the work.

3. The following guidelines are provided:

<b>Nomenclature</b>	<b>Quantity</b>	<b>Remarks</b>
Abandon ship bags	Two per 2k	One per RHIB
Accom ladders W/T or Inspection	One per 2k	S/F PMS 36M-1R Prerequisite.
A/C plants	One per 2k	
APU	One per 2k	Two jobs per APU; one to change out, one to overhaul
AESS	One per 2k	Submitting 2K for PTA assist with load bank test
Awnings	One per 2k	Max size 25 x 20ft, per drawing, 2L, or sample
Baxter bolts	One per 2k	One per 2K if weld repair is required. Ten per 2K if chasing threads. One per 2K if manufacturing or weight bearing.
Bench seats or backs, upholstery	Ten per 2k	
Bridge/Captains chairs, upholstery	One per 2k	
Boat davit repairs	One per 2k	S/F PMS Prerequisite
Boat davit weight test	One per 2k	
Boat skids	Two per 2k	One per rhib
Brazer quals	One 2k per person	
Cabinet (sheet metal)	One per 2k	LRC mod not authorized
Casualty power cables	One 2k per casualty power station	Length of each cable at station
Cable or hose covers	Twenty per 2k	Same size and style. 2L or sample
Chain hoists	One per 2k	
Chair upholstery	Five per 2k	Same size and style,

		specify material, color
Chair covers	Five per 2k	Same size and style. 2L or sample
CIWS overhaul	One per 2k	
CIWS entrance unit	One per 2k	
CIWS exit unit	One per 2k	
CIWS transfer unit	One per 2k	
CIWS skip box	One per 2k	
Conduit	One APL per 2k	
Condensers	One per 2k	
Coolers	One per 2k	
Deck drain replacement	One per 2k	Not for PMS (i.e. broken Screws)
Deck sockets	Ten per 2k	Note: For manufacturing or weld repairs one per 2K.
Deluge valves/hoses	Eight per 2k	Each module, hydro/mfg
Drip pans	Two per 2k	Same dimension on 2L
Dolly (mk-24)	One per 2k	
Equipment covers	One per 2k	Per dwg, 2L, or sample
Ellison doors	One per 2k	Same APL only (note: different APLs for rh/lh/steel/alum)
Engrave labels (small)	Fifty per 2k	i.e. valve labels
Engrave labels (large)	Five per 2k	Approx 8.5" x 11"
Flanges, blank	Ten per 2k	List sizes in blk 35
Flex hoses	Ten per 2k same system	Manufacture and hydro- Include hose material, hydro pressure, system fluid, overall length of hose, type(s) of fittings.
Flight deck pendants (shop 937I)	Fifty per 2k	# Required for ship system
Flight deck safety nets and frames assemblies	One 2k per system	Specify # per ship system for repair or W/T. Nylon web only.
Fuel oil injectors	Sixteen per 2k	
Gage calibration	One per 2k	
GTC/GTB/AYC/AYB	One GTE per 2k	One tech directive per 2K per engine, include GTM/GTG ser nr on 2K.
Heat exchangers	One per 2k	
HPAC/HPADS	One per 2k	
J-bar davit w/t	One per 2k	
Keys, duplicate	Ten per 2k	
Lagging pads	One per 2k	
Lifelines	Nine sections per 2k	Kevlar or cres; one 2K for Port or Stbd.

Life rails	Steel or Aluminum - Five sections per 2k GRP - Ten rails per 2k.	
Life rail stanchions	Steel - Two per 2k. GRP - Ten per 2k.	
Life rafts, recert	Six per 2k	Recert of mrk 6
Life raft harness/strap	Ten per 2k	Manufacture/testing
Lockers (sheet metal)	One per 2k	Sample or 2L (LRC mods Not Authorized)
Antenna repairs	One per 2k	
LPAC/LPADS	One per 2k	
Morgan operators	One per 2k	
Motors (overhaul)	One per 2k	
Motors (rewind)	One per 2k	Two 2K's per motor: one for SERMC to conduct electrical checks, rigging, reinstall and optest. Second 2K one for TRF rewind.
Motor controllers	One per 2k	
PCMS Tech Assist/ Ship to shop replacement	One per 2k	PCMS blankets cannot be repaired or manufactured by SERMC. All PCMS blankets repairs or orders must still be submitted on a 2k to SERMC, but actual repairs and manufacturing will be performed by NNSY.
PCMS Blanket	One per 2k	Repairs only. See note above.
Photoengraving (small)	Fifty per 2k	I.e., valve labels
Photoengraving (large)	Five per 2k	Approx 8.5" x 11"
Plaque backs	25 per 2K per Avail	Mfr 25 plaque backs, or engrave SF provided plaque backs. SERMC will not order plaque backs from retailer.
Pumps	One per 2k	
Pyro lockers	One per 2k	
P-100 pumps	One per 2k	
Reducing manifolds	One per 2k	
Relief valves	One per 2k	If valve trailer is not available
Reefer compressor	One per 2k	Two 2K per job, one for Swap and one for overhaul.
Remote operators	One per 2k	
Refurb CAS srch ants	One per 2k	
Refurb CAS trck ants	One per 2k	
Refurb CAS radomes	One per 2k	

Refurb CAS waveguides	One per 2k	
Refurb stir antennas	One per 2k	
Refurb waveguides	One per 2k	
Rhib	One per 2k	Include ser nr on 2K
Rigging services	One per 2k	Rigging services only
Safety nets, trunk	One rig per 2k	All nets in one trunk, need location, position and # of nets
Safe repairs	One per 2k	
Sandblast/paint/ powder coat (SMALL)	Ten per 2k	Small items (less than 2 sq Ft). Must specify paint, or powder coat and approved std navy color.
Sandblast/paint/ powder coat (LARGE)	One per 2k	Large items (greater than 2 Sq ft). Must specify paint, or powder coat and approved std navy color.
Sheet metal components and component parts.	Up to 7 2k per CMAV	All required 2L's still would be provided by ships force through their SHIPSUP.
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Slings, wire rope, boat	Five per 2k	Mfg 1/8" to 1 1/8", dwg or 2L with material & swl
W/T Slings, non-ammo/ammo (wire rope)	Five per 2k	Same size, type, MK & mod
Sounding tube caps	Ten per 2k	Same size/type
Stud installation	25 min per space	
Stuffing tubes	One per 2k	Location on 2L. One per 2K, if Weld repair is required
Submersible pumps	One per 2k	
Table covers	Five per 2k	Same style, per dwg, 2L, or sample
Test equipment cal	Ten per 2k	
Test equip repair	One per 2k	Ship to shop with 2L
Torpedo breech mech	Six per 2k	One job per Ship to cover stbd & port units.
Valves	One per 2k	Hydro only-one job per stbd or port unit. 2L required
Valve trailer	One per 2k	One trailer avail per year

WTD/WTS/FTD	One per 2k	
Weight testing	One per 2k	
Welder quals	One 2k per person	Ensure welders bring their own equipment (hood, gloves, goggles, p-grinders and stinger)

4. For equipment or services not listed in this maintenance note, submit a 4790/2K:

a. With only one associated APL. APL must be for the equipment to be repaired, not the next higher assembly.

b. With an approved DFS for manufacture of parts per sample where no drawing is available.

5. If in doubt about the number of items permitted on a 2K, or if there are any other questions, contact the applicable SERMC SHIPSUP prior to 2K Submission.

6. If there is a job that requires Technical Assistance (SERMC C900, previously known as FTSCCLANT) and Production (SERMC C900, previously known as SIMA), a 2K must submitted for both. For example: Ship submits 2K for HPAC overhaul. Technical Assistance will use the one 2K to determine feasibility of this overhaul and make recommendations to the customer and Production. Upon completion of assessment, the ship shall submit another 2K to SERMC production, stating the recommendations and requesting completion of the overhaul based on those recommendations. The first 2K would be TA3 (tech assist) and the second TA2 (SERMC overhaul).

7. The key to the successful completion of any job is proper planning. The SERMC tech library is always available for use. It is imperative that the appropriate personnel are in contact with the SERMC production department planner during ship checks. This ensures the proper identification of required job specifications and scope.